

MATTINGLY, STANGER & MALUR, P.C.

JOHN R. MATTINGLY*
DANIEL J. STANGER
SHRINATH MALUR*

GENE W. STOCKMAN
Of Counsel

JEFFREY M. KETCHUM
Registered Patent Agent

* Bar Membership Other Than Virginia

ATTORNEYS AT LAW

1800 DIAGONAL ROAD, SUITE 370
ALEXANDRIA, VIRGINIA 22314

PATENT, TRADEMARK
AND COPYRIGHT LAW
FACSIMILE: (703) 684-1157

(703) 684-1120

Date: April 13, 2004

Attorney Docket No. H&A-129

CUSTOMER NO. 24956

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir: Transmitted herewith for filing is the patent application of:

Inventor: T. SAITO (see attached)

For:
IN-VEHICLE ELECTRONIC DEVICE, THERMAL
FLOWMETER AND ELECTRONIC CIRCUIT BOARD

Enclosed are:



4 Sheets of Drawings



This application is being filed without an executed Declaration.



Priority is claimed from Japanese Application No. 2003-110970 (which is hereby
filed April 16, 2003 ☒ A certified copy is attached herewith. incorporated



Copies of the disclosure documents listed on the attached PTO 1449 form and
☒ discussed in the specification or ☒ attached Information Disclosure Statement. by reference



Small entity status under 37 CFR 1.9 and 1.27 is hereby claimed.



Specification: Abstract X, Description 7 pages; and 11 claim(s).



Preliminary Amendment.



Executed Declaration.

The filing fee is calculated as shown below:

Small Entity

Large Entity

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	11 - 20 = *	0
Indep Claims	3 - 3 = *	0
<input type="checkbox"/> Multiple Dependent Claim (s)		

* If difference is less than zero
then enter '0' in second column

Rate	Fee
	\$ 375
x 9	\$
x 42	\$
+ 140	\$
Total	\$

OR

Rate	Fee
	\$ 770
x 18	\$ 0
x 84	\$ 0
+ 280	\$ 0
Total	\$ 770



A check or credit card payment form in the amount of \$ 770.00 is enclosed for the filing fee.



The Commissioner is hereby authorized to charge any additional fees that may be required to
Deposit Account No. 50-1417.

Respectfully Submitted,

By:

Daniel J. Stanger
John R. Mattingly

Registration No. 30,293

32,846



13281 U.S. PTO



H&A-129
PH-2084US

LIST OF INVENTOR'S NAME AND ADDRESS

Teruhisa SAITO, Hitachinaka, JAPAN.